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# TRANSMITTAL FORM

(to be used on all correspondence after initial filing)

ATTORNEY DOCKET NO.

**70020.0066USWO**

U.S. APPLICATION SERIAL NO.

**10/543,092**

CONFIRMATION NO.

**4088**

FILING DATE

**July 22, 2005**

INVENTOR(S)

**Takashi MIYAMATSU et al.**

EXAMINER

**Not Assigned**

GROUP ART UNIT

**1752**

TITLE OF APPLICATION

**SULFONIUM SALT COMPOUND, PHOTOACID GENERATOR, AND POSITIVE-TONE RADIATION-SENSITIVE RESIN COMPOSITION**

ADDRESS TO:	Mailstop Missing Parts Commissioner for Patents P.O. BOX 1450 ALEXANDRIA, VA 22313-1450
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## ENCLOSURES

- Transmittal Form
- Request for Corrected Official Filing Receipt
- Official Filing Receipt (Copy)
- List of Practitioners To Be Recognized By The Office As Being of Record
- Copy Combined Declaration and Power of Attorney (3 Pages, executed)
- Return Postcard

Please charge Deposit Account No. 13-2725 in the amount of \$0.00 to cover any required fees. In the event any variance exists between this amount and the Patent Office charges for filing the above-noted documents, including any fees required under 35 CFR 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 13-2725. Further, if these papers are not considered timely filed, then a request is hereby made under 37 CFR 1.136 for the necessary extension of time.

## CORRESPONDENCE ADDRESS

The address associated with Customer Number: **23552**      OR     the correspondence address below.

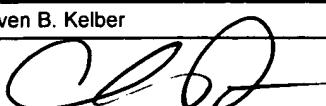
Name

Address

City

State

Zip Code

NAME	Steven B. Kelber	REGISTRATION NO. 30,073		
SIGNATURE		DATE	October 2, 2006	TELEPHONE 202 326-0300
NAME	Christopher W. Raimund	REGISTRATION NO. 47,258		



# REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

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**70020.0066USWO**

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TITLE OF APPLICATION

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MAIL STOP: Missing Parts  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Dear Sir:

The Patent Office is requested to provide a Corrected Official Filing Receipt for the attached.

The following correction(s) should be made to the Official Filing Receipt:

The Title is incorrect and should read: **SULFONIUM SALT COMPOUND, PHOTOACID GENERATOR, AND POSITIVE-TONE RADIATION-SENSITIVE RESIN COMPOSITION**

Power of Attorney should read:

1. Steven Kelber - 30073
2. Christopher Raimund - 47258

Resubmitted herewith is a copy of the Power of Attorney, along with a separate paper indicating the two practitioners that are to be recognized by the Office as being of record in the above-referenced application. Entry is respectfully requested.

Respectfully submitted,

MERCHANT & GOULD, P.C.



Steven B. Kelber  
Registration No. 30,073

Christopher W. Raimund  
Registration No. 47,258

October 2, 2006

Date

P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
Telephone No. (202) 326-0300  
Facsimile No. (202) 326-0778

**23552**

Patent & Trademark Office



OCT 02 2006  
OPIE VARAS  
UNITED STATES PATENT AND TRADEMARK OFFICE

## UNITED STATES PATENT AND TRADEMARK OFFICE

**COPY**

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE RECD	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/543,092	07/22/2005	1752	900	70020.0066USWO ✓	6	19	1

23552  
MERCHANT & GOULD PC  
P.O. BOX 2903  
MINNEAPOLIS, MN 55402-0903

MERCHANT & GOULD  
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D.C. OFFICE

CONFIRMATION NO. 4088  
CORRECTED FILING RECEIPT S.C. *S.C.*  
  
\*OC000000020084208\*

Date Mailed: 08/17/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Takashi Miyamatsu, Tokyo, JAPAN;  
Hirokazu Niwata, Tokyo, JAPAN;  
Satoshi Ebata, Tokyo, JAPAN;  
Yong Wang, Tokyo, JAPAN;

**Power of Attorney:** None**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/JP04/00130 01/09/2004

**Foreign Applications**

JAPAN 2003-013294 01/22/2003  
JAPAN 2003-271015 07/04/2003

If Required, Foreign Filing License Granted: 08/17/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/543,092**

**Projected Publication Date:** Not Applicable**Non-Publication Request:** No**Early Publication Request:** No

**Title**

Sulfonium salts, radiation-sensitive acid generators, and positive radiation-sensitive resin compounds  
 Composition Compound, Photo acid Generator, - Tone

**Preliminary Class**

430

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not** result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

**LICENSE FOR FOREIGN FILING UNDER  
 Title 35, United States Code, Section 184  
 Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted

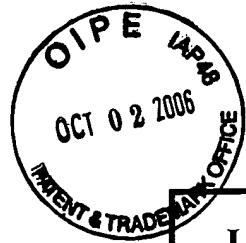
under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**LIST OF PRACTITIONERS TO BE  
RECOGNIZED BY  
THE OFFICE AS BEING OF RECORD**

ATTORNEY DOCKET NO.  
**70020.0066USWO**

U.S. APPLICATION SERIAL NO.  
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**INVENTOR(S)**

**EXAMINER (If known)**

**ART UNIT (If known)**  
**1752**

**TITLE OF APPLICATION**

# SULFONIUM SALT COMPOUND, PHOTOACID GENERATOR, AND POSITIVE-TONE RADIATION-SENSITIVE RESIN COMPOSITION

Mailstop Missing Parts  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Please recognize the following practitioner(s) as being of record in the above-named patent application:

1. Steven B. Kelber Registration No. 30,073;  
2. Christopher W. Raimund Registration No. 47,258.

Respectfully submitted,  
MERCHANT & GOULD, P.C.

Steven B. Kelber  
Registration No. 30,073

Christopher W. Raimund  
Registration No. 47,258

October 2, 2006

Date

P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
Telephone No. (202) 326-0300  
Facsimile No. (202) 326-0778

23552

Patent & Trademark Office



Docket No.:

Page 1

**COPY**

**Declaration, Power of Attorney and Petition**

WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**SULFONIUM SALT COMPOUND, PHOTOACID GENERATOR, AND POSITIVE-TONE  
RADIATION-SENSITIVE RESIN COMPOSITION**

---

the specification of which

is attached hereto.

was filed on \_\_\_\_\_

as Application Serial No. \_\_\_\_\_

and amended on \_\_\_\_\_

was filed as PCT international application

Number PCT/JP04/00130

on January 9, 2004

and was amended under PCT Article 19

on \_\_\_\_\_ (if applicable).

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

We (I) hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s)

Application No.	Country	Day/Month/Year	Priority Claimed
2003-013294	Japan	22/January/2003	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2003-271015	Japan	4/July/2003	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

We (I) hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

We (I) hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status (pending, patented, abandoned)

And we (I) hereby appoint Steven B. Kelber, Reg. No. 30,073; Jerold I. Schneider, Reg. No. 24,765; Linda R. Judge, Reg. No. 42,702; John Pike, Reg. No. 41,253; James M. Heintz, Reg. No. 41,828; Perry E. Van Over, Reg. No. 42,197; Lisa K. Norton, Reg. No. 44,977; Daryl A. Basham, Reg. No. 45,869; Michael Ye, Reg. No. 47,195; Christopher W. Raimund, Reg. No. 47,258; Ping Wang, Reg. No. 48,328; and Susan Jensen, M.D., Reg. No. 55,775 as our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to Supervisor, Patent Prosecution Services, DLA Piper Rudnick Gray Cary U.S. LLP, 1200 Nineteenth Street, N.W., Washington, D.C. 20036-2412.

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Takashi MIYAMATSU

NAME OF FIRST JOINT INVENTOR

Takashi Miyamatsu

Signature of Inventor

Residence: c/o JSR Corporation, 5-6-10,

Tsukiji, Chuo-ku, Tokyo, Japan

Citizen of: Japan

Post Office Address: Same As Above

May 19, 2005

Hirokazu NIWATA

NAME OF SECOND JOINT INVENTOR

Hirokazu Niwata

Signature of Inventor

May 19, 2005

Date

Residence: c/o JSR Corporation, 5-6-10,

Tsukiji, Chuo-ku, Tokyo, Japan

Citizen of: Japan

Post Office Address: Same As Above

Satoshi EBATA

NAME OF THIRD JOINT INVENTOR

Satoshi Ebata

Signature of Inventor

May 19, 2005

Date

Residence: c/o JSR Corporation, 5-6-10,

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Citizen of: Japan

Post Office Address: Same As Above

Yong WANG

NAME OF FOURTH JOINT INVENTOR

Yong Wang

Signature of Inventor

May 19, 2005

Date

Residence: c/o JSR Corporation, 5-6-10,

Tsukiji, Chuo-ku, Tokyo, Japan

Citizen of: People's Republic of China

Post Office Address: Same As Above

NAME OF FIFTH JOINT INVENTOR

Signature of Inventor

Residence:

Citizen of:

Post Office Address: Same As Above

Date